

- 1 We claim:
- 2 1. A homogenous composition comprising
- 3 (a) at least one fertilizer and
- 4 (b) at least one deposition or drift agent,
- 5 with the proviso that there is no silicone defoaming agent in the composition.
- 6 2. The composition as claimed in claim 1, wherein said fertilizer comprises
- 7 (a) a water soluble nitrogen-containing fertilizer,
- 8 (b) a water-insoluble nitrogen containing fertilizer,
- 9 (c) a non-nitrogen-containing fertilizer
- 10 (d) or a mixture thereof.
- 11 3. The composition as claimed in claim 1, wherein said deposition or drift agent is a
- 12 non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a polymeric
- 13 deposition agent, or mixtures thereof.
- 14 4. The composition as claimed in claim 1, which further comprises a pesticide.
- 15 5. The composition as claimed in claim 2, wherein said deposition or drift agent is a
- 16 non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a polymeric
- 17 deposition agent, or mixtures thereof.
- 18 6. The composition as claimed in claim 1, which further comprises a pesticide.
- 19 7. A homogenous composition comprising
- 20 (a) at least one fertilizer and
- 21 (b) at least one deposition or drift reducing agent wherein if a drift reducing agent
- 22 is used, said drift reducing agent is present in the amount of at least 12.5%
- 23 by weight based on the total weight of the composition.
- 24 8. The composition as claimed in claim 7, wherein said fertilizer is ammonium sulfate.
- 25 9. The composition as claimed in claim 7, wherein said deposition or drift reducing
- 26 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum,
- 27 or a polymeric deposition agent, or mixtures thereof.
- 28 10. The composition as claimed in claim 8, wherein said deposition or drift reducing
- 29 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a
- 30 polymeric deposition agent, or mixtures thereof.
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- 1 11. The composition as claimed in claim 7, which further comprises a pesticide.
- 2 12. The composition as claimed in claim 10, which further comprises a pesticide.
- 3 13. A homogenous composition comprising
- 4 (a) at least one deposition or drift reducing agent
- 5 (b) at least one fertilizer
- 6 (c) at least 12.5% by weight of a silicone defoaming agent based on the total
- 7 weight of the composition
- 8 14. The composition as claimed in claim 13, wherein said fertilizer is ammonium sulfate.
- 9 15. The composition as claimed in claim 13, wherein said deposition or drift reducing
- 10 agent is non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a
- 11 polymeric deposition agent, or mixtures thereof.
- 12 16. The composition as claimed in claim 14, wherein said deposition or drift reducing
- 13 agent is non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a
- 14 polymeric deposition agent, or mixtures thereof.
- 15 17. The composition as claimed in claim 13, which further comprises a pesticide.
- 16 18. The composition as claimed in claim 16, which further comprises a pesticide.
- 17 19. A homogenous composition comprising
- 18 (a) at least one non-nitrogen-containing fertilizer.
- 19 (b) at least one deposition or drift reducing agent.
- 20 20. The composition as claimed in claim 19, which further comprises at least one
- 21 defoaming agent.
- 22 21. The composition as claimed in claim 19, wherein said fertilizer is mono-potassium
- 23 phosphate.
- 24 22. The composition as claimed in claim 20, wherein said fertilizer is mono-potassium
- 25 phosphate.
- 26 23. The composition as claimed in claim 19, wherein said deposition or drift reducing
- 27 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a
- 28 polymeric deposition agent, or mixtures thereof.
- 29 24. The composition as claimed in claim 22, wherein said deposition or drift reducing
- 30 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a
- 31 polymeric deposition agent, or mixtures thereof.

- 1 25. The composition as claimed in claim 19, wherein said defoaming agent is a silicone
2 based defoamer.
- 3 26. The composition as claimed in claim 24, wherein said defoaming agent is a silicone
4 based defoamer.
- 5 27. The composition as claimed in claim 19, which further comprises a pesticide
- 6 28. The composition as claimed in claim 26, which further comprises a pesticide.
- 7 29. A homogenous liquid composition consisting essentially of
8 (a) at least one oil and
9 (b) at least one deposition or drift reducing agent.
- 10 30. A composition as claimed in claim 29, which further consists essentially of at least
11 one oil thickener.
- 12 31. A composition as claimed in claim 29, which further consists essentially of at least
13 one emulsifier or surfactant.
- 14 32. The composition as claimed in claim 29, wherein said oil is mineral oil or paraffinic
15 petroleum.
- 16 33. The composition as claimed in claim 31, wherein said oil is mineral oil or paraffinic
17 petroleum.
- 18 34. The composition as claimed in claim 29, wherein said deposition or drift control
19 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a
20 polymeric deposition agent, or mixtures thereof.
- 21 35. The composition as claimed in claim 33, wherein said deposition or drift control
22 agent is a non-derivatized guar gum, cationic guar gum, non-cationic guar gum, or a
23 polymeric deposition agent, or mixtures thereof.
- 24 36. The composition as claimed in claim 30, wherein said oil thickener is silicon based.
- 25 37. The composition as claimed in claim 29, which further consists essentially of a
26 pesticide.
- 27 38. The composition as claimed in claim 29, wherein there is less than 10% water.
- 28 39. The composition as claimed in claim 35, which further consists essentially of an oil
29 thickener which is silicon based.
- 30 40. The composition as claimed in claim 39, which further consists essentially of a
31 pesticide.

- 1 41. The composition as claimed in claim 40, wherein there is less than 10% water.
- 2 42. A homogenous liquid composition comprising
- 3 (a) at least one oil and
- 4 (b) a natural gum.
- 5 43. The composition as claimed in claim 40, wherein said natural gum is a non-
- 6 derivatized guar gum, cationic guar gum, non-cationic guar gum or mixtures thereof.
- 7 44. The composition as claimed in claim 43, wherein said oil is mineral oil or paraffinic
- 8 petroleum.
- 9 45. The composition as claimed in claim 44, which further comprises an oil thickener
- 10 which is silicon based.
- 11 46. The composition as claimed in claim 45, which further comprises a pesticide.
- 12 47. A homogenous liquid composition comprising
- 13 at least one oil and
- 14 a polyacrylamide polymer
- 15 with the proviso that there is less than 10% water present in the composition.
- 16 48. The composition as claimed in claim 47, wherein said oil is mineral oil or paraffinic
- 17 petroleum.
- 18 49. The composition as claimed in claim 48, which further comprises an oil thickener
- 19 which is silicon based.
- 20 50. The composition as claimed in claim 49, which further comprises a pesticide.
- 21 51. A homogenous liquid composition comprising
- 22 (a) at least one oil and
- 23 (b) a polymeric deposition agent
- 24 with the proviso that the polymeric deposition agent is not a polyacrylamide
- 25 polymer.
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